

Amendments to the Specification:

*Please amend the specification on page 2, lines 1-5, as follows:

Several particular watermarking techniques have been developed. The reader is presumed to be familiar with the literature in this field. Particular techniques for embedding and detecting imperceptible watermarks in media signals are detailed, e.g., in the assignee's co-pending U.S. Patent Application No. 09/503,881 (now U.S. Patent No. 6,614,914) and U.S. Patent No. 6,122,403, which are each hereby incorporated by reference.

*Please amend the specification at page 3, lines 9-25, as follows:

We can simplify this effort. For example, it would be ideal if location information is automatically embedded in consumer images, automatically used to categorize images in DAM systems, and used when searching to find images from similar locations - thus, increasing the usage of the consumer based image DAM systems. This will allow consumers to search their images, as well as other's images assuming the consumer is part of an image sharing or subscription service, based upon location. (The file-sharing techniques and systems described in assignee's U.S. Patent Application No. 09/620,019, filed July 20, 2000 and U.S. Published Patent Application No. US 2002-0052885 A1, which are each herein incorporated by reference, can be readily combined with these techniques.) For example, I can search based upon the geo-location of the Eiffel tower, and find all of my pictures and my friends pictures that were taken near the Eiffel tower - or even taken in France - by simply combining geographic maps of countries (or, e.g., embedded geographic indicators) and location search capabilities. (See, e.g., assignee's US Published Patent Application Nos. US 2002-0122564 A1; US 2002-0154144 A1; and US 2002-0124024 A1, and pending patent applications nos. 10/423,489 (published as US 2004-0046774 A1) and 10/423,834 (now U.S. Patent No. 7,197,160) for related methods and systems. Each of these patent documents is herein incorporated by reference.).

*Please amend the specification on page 7, lines 6-13, as follows:

In addition, in both embodiments, a picture location can have time and biometrics added to determine where, when and who (e.g., who's depicted in the picture and who took the picture). The camera or server can identify people in the picture and who took the picture, via retinal or iris scanning in the eyepiece, fingerprint recognition in the shutter button, or face recognition using an image of the camera user. For a description of a capture device that captures biometrics of the user and embeds the biometric data in images, audio or video captured by the device, see e.g., U.S. Patent Application No. 09/585,678 (now U.S. Patent No. 7,043,048), which is herein incorporated by reference.

*Please amend the specification on page 15, lines 9-20, as follows:

If the reader is part of a kiosk, the kiosk system may also be used to help link the user to previous buying habits and pricing. For example, the user may be able to look up how much they paid for milk a month ago, as well as how much milk they have bought in the last month. In addition, they may be able to look up warranty information for products bought at a store via the kiosk. Similarly, if the store allows online browsing, the kiosk can link to the online shopping. For example, the kiosk can link to a wish created while shopping online. This linking is facilitated, at least in part, by the decoded digital watermark. For example, the payload includes an identifier – perhaps a hash of a customer's personal information – which is used to link to information regarding the customer. (See, e.g., assignee's U.S. Patent Application No. 09/571,422, filed May 15, 2000 (now U.S. Patent No. 6,947,571), which is herein incorporated by reference, for additional watermark-based linking techniques.)

*Please amend the specification on page 20, lines 12-14, as follows:

See, e.g., assignee's U.S. Patent Application Nos. 10/382,359 (published as US 2004-0243806 A1) and 09/571,422 (now U.S. Patent No. 6,947,571), which are each herein incorporated by reference, for related techniques and/or environments.

*Please amend the specification on page 23, lines 7-14, as follows:

The digital signatures could be included in reversible watermarks within the frame content for each frame segment, rather in header data. A reversible watermark is generally a watermark, which can be removed from content without degrading (or without significantly degrading) the content. In some cases, removing a watermark implies restoring content to its unmarked state. Suitable reversible watermarks are described, e.g., in assignee's pending U.S. Patent Application Nos. 10/319,404, filed December 12, 2002 (published as US 2003-0149879 A1) and 10/435,517, filed May 8, 2003 (now U.S. Patent No. 7006,662), which are each hereby incorporated by reference.